

In the Drawings

A "Replacement Sheet" is attached which includes a clean version of amended Figure 1. The attached sheet replaces the original sheet including Figure 1.

FIG. 1 has been amended to include the legend –Prior Art– as required by the Office Action.

REMARKS

Applicant respectfully requests reconsideration. Claims 1-6 were previously pending in this application. Claims 1 and 4 have been amended. New claims 7-20 have been added to more clearly define Applicant's contribution to the art. As a result, claims 1-20 are pending for examination with claims 1 and 7 being independent claims. No new matter has been added.

Allowable Subject Matter

As a preliminary matter, Applicant notes with appreciation the indication of allowable subject matter in claims 1-6.

Objections to the Drawings

The Office Action objected to the drawings because FIG. 1 did not include the legend – Prior Art–. FIG. 1 has been amended to include the legend –Prior Art– as required by the Office Action. A “Replacement Sheet” is attached which includes a clean version of amended Figure 1. Accordingly, withdrawal of this objection is respectfully requested.

Claim Objections

The Office Action objected to claims 1 and 4 because of a lack of antecedent basis and the use of the word “possible.” Accordingly, claims 1 and 4 have been amended correct the lack of antecedent basis and to remove the word “possible.” These amendments are merely for the purpose of clarification and do not narrow the scope of the claims.

Rejections under 35 U.S.C. §112

The Office Action rejected claims 1-6 because of the term “biasing means setting.” Accordingly, claim 1 has been amended to recite “biasing means for setting,” as suggested in the Office Action.

In addition, the Office Action rejected claims 1-6 under 35 U.S.C. §112 because the term “possible current paths” in claim 1 is purportedly a vague term. Accordingly, claim 1 has been amended to recite “a current path.”

Accordingly, withdrawal of this rejection is respectfully requested.

New Claims

New claim 7 recites a scanning circuit that includes a switch, a first supply terminal coupled to the switch, a deflection coil, and a power amplifier coupled to the first supply terminal and the deflection coil. The scanning circuit further includes a differential amplifier having an output coupled to the power amplifier and at least one biasing component that sets an output of the differential amplifier to a determined voltage such that a current path through the power amplifier is substantially eliminated. The output of the differential amplifier is set to the determined voltage in response to a voltage of the first supply terminal reaching a threshold.

Claim 7 is patentable over the art of record because the art of record does not teach or suggest a scanning circuit that includes a biasing component that sets an output of the differential amplifier to a determined voltage such that a current path through the power amplifier is substantially eliminated, the output of the differential amplifier being set to the determined voltage in response to a voltage of the first supply terminal reaching a threshold.

Claims 8-20 depend from claim 7, and are therefore patentable over the art of record for at least the same reasons.

CONCLUSION

A Notice of Allowance is respectfully requested. The Examiner is requested to call the undersigned at the telephone number listed below if this communication does not place the case in condition for allowance.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

Respectfully submitted,
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